

Philippe Ryvlin

List of Publications by Year in descending order

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302
papers

17,829
citations

14655

66
h-index

18647

119
g-index

321
all docs

321
docs citations

321
times ranked

13164
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence and mechanisms of cardiorespiratory arrests in epilepsy monitoring units (MORTEMUS): a retrospective study. <i>Lancet Neurology</i> , The, 2013, 12, 966-977.	10.2	860
2	Epilepsy: new advances. <i>Lancet</i> , The, 2015, 385, 884-898.	13.7	706
3	Sudden unexpected death in epilepsy: current knowledge and future directions. <i>Lancet Neurology</i> , The, 2008, 7, 1021-1031.	10.2	604
4	Unifying the definitions of sudden unexpected death in epilepsy. <i>Epilepsia</i> , 2012, 53, 227-233.	5.1	475
5	Representation of Pain and Somatic Sensation in the Human Insula: a Study of Responses to Direct Electrical Cortical Stimulation. <i>Cerebral Cortex</i> , 2002, 12, 376-385.	2.9	473
6	Comparison of levetiracetam and controlled-release carbamazepine in newly diagnosed epilepsy. <i>Neurology</i> , 2007, 68, 402-408.	1.1	434
7	Practice guideline summary: Sudden unexpected death in epilepsy incidence rates and risk factors. <i>Neurology</i> , 2017, 88, 1674-1680.	1.1	384
8	GRIN2A mutations in acquired epileptic aphasia and related childhood focal epilepsies and encephalopathies with speech and language dysfunction. <i>Nature Genetics</i> , 2013, 45, 1061-1066.	21.4	380
9	Epilepsy surgery in children and adults. <i>Lancet Neurology</i> , The, 2014, 13, 1114-1126.	10.2	355
10	Paroxysmal exercise-induced dyskinesia and epilepsy is due to mutations in SLC2A1, encoding the glucose transporter GLUT1. <i>Brain</i> , 2008, 131, 1831-1844.	7.6	340
11	Functional Mapping of the Insular Cortex: Clinical Implication in Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2000, 41, 681-686.	5.1	305
12	Risk of sudden unexpected death in epilepsy in patients given adjunctive antiepileptic treatment for refractory seizures: a meta-analysis of placebo-controlled randomised trials. <i>Lancet Neurology</i> , The, 2011, 10, 961-968.	10.2	271
13	Definition and diagnostic criteria of sleep-related hypermotor epilepsy. <i>Neurology</i> , 2016, 86, 1834-1842.	1.1	245
14	Depression and epilepsy: Epidemiologic and neurobiologic perspectives that may explain their high comorbid occurrence. <i>Epilepsy and Behavior</i> , 2012, 24, 156-168.	1.7	238
15	Efficacy and safety of adjunctive perampanel for the treatment of refractory partial seizures: A pooled analysis of three phase III studies. <i>Epilepsia</i> , 2013, 54, 1481-1489.	5.1	235
16	Nocturnal Hypermotor Seizures, Suggesting Frontal Lobe Epilepsy, Can Originate in the Insula. <i>Epilepsia</i> , 2006, 47, 755-765.	5.1	233
17	Clinical utility of flumazenil-PET versus [18F]fluorodeoxyglucose-PET and MRI in refractory partial epilepsy. A prospective study in 100 patients. <i>Brain</i> , 1998, 121, 2067-2081.	7.6	207
18	Neurophysiological Monitoring for Epilepsy Surgery: The Talairach SEEG Method. <i>Stereotactic and Functional Neurosurgery</i> , 2001, 77, 29-32.	1.5	204

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19	Adjunctive brivaracetam in adults with uncontrolled focal epilepsy: Results from a double-blind, randomized, placebo-controlled trial. <i>Epilepsia</i> , 2014, 55, 47-56.	5.1	190
20	Recommendations for the use of structural magnetic resonance imaging in the care of patients with epilepsy: A consensus report from the International League Against Epilepsy Neuroimaging Task Force. <i>Epilepsia</i> , 2019, 60, 1054-1068.	5.1	184
21	Diagnostic methods and treatment options for focal cortical dysplasia. <i>Epilepsia</i> , 2015, 56, 1669-1686.	5.1	167
22	Temporal plus epilepsy is a major determinant of temporal lobe surgery failures. <i>Brain</i> , 2016, 139, 444-451.	7.6	164
23	5-HT1A receptor binding and intracerebral activity in temporal lobe epilepsy: an [18F]MPPF-PET study. <i>Brain</i> , 2004, 127, 900-913.	7.6	155
24	The hidden causes of surgery-resistant temporal lobe epilepsy: extratemporal or temporal plus? editorial review. <i>Current Opinion in Neurology</i> , 2005, 18, 125-127.	3.6	153
25	The long-term effect of vagus nerve stimulation on quality of life in patients with pharmaco-resistant focal epilepsy: The PuLsE (Open Prospective Randomized Long-term Effectiveness) trial. <i>Epilepsia</i> , 2014, 55, 893-900.	5.1	149
26	Factors determining response to antiepileptic drugs in randomized controlled trials. A systematic review and meta-analysis. <i>Epilepsia</i> , 2011, 52, 219-233.	5.1	140
27	SEEG-guided RF Thermocoagulation of Epileptic Foci: Feasibility, Safety, and Preliminary Results. <i>Epilepsia</i> , 2004, 45, 1368-1374.	5.1	139
28	Postconvulsive central apnea as a biomarker for sudden unexpected death in epilepsy (SUDEP). <i>Neurology</i> , 2019, 92, e171-e182.	1.1	130
29	Greater Response to Placebo in Children Than in Adults: A Systematic Review and Meta-Analysis in Drug-Resistant Partial Epilepsy. <i>PLoS Medicine</i> , 2008, 5, e166.	8.4	124
30	Evidence for Corticofugal Modulation of Peripheral Auditory Activity in Humans. <i>Cerebral Cortex</i> , 2006, 16, 941-948.	2.9	123
31	Stereo electroencephalography-guided radiofrequency thermocoagulation (SEEG-guided RF-TC) in drug-resistant focal epilepsy: Results from a 10-year experience. <i>Epilepsia</i> , 2017, 58, 85-93.	5.1	123
32	Long-term surveillance of SUDEP in drug-resistant epilepsy patients treated with VNS therapy. <i>Epilepsia</i> , 2018, 59, 562-572.	5.1	113
33	Neuromodulation in epilepsy: state-of-the-art approved therapies. <i>Lancet Neurology</i> , The, 2021, 20, 1038-1047.	10.2	110
34	Analysis of clinical patterns and underlying epileptogenic zones of hypermotor seizures. <i>Epilepsia</i> , 2008, 49, 2030-2040.	5.1	109
35	Sudden Unexpected Death in Epilepsy (SUDEP): Update and Reflections. <i>Neurologic Clinics</i> , 2009, 27, 1063-1074.	1.8	109
36	Novel mutations in <i>EPM2A</i> and <i>NHLRC1</i> widen the spectrum of Lafora disease. <i>Epilepsia</i> , 2010, 51, 1691-1698.	5.1	109

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37	Involvement of Medial Pulvinar Thalamic Nucleus in Human Temporal Lobe Seizures. <i>Epilepsia</i> , 2006, 47, 98-107.	5.1	108
38	Temporo-mesial epilepsy surgery: outcome and complications in 100 consecutive adult patients. <i>Acta Neurochirurgica</i> , 2006, 148, 39-45.	1.7	108
39	European trends in epilepsy surgery. <i>Neurology</i> , 2018, 91, e96-e106.	1.1	108
40	Risk factors of postictal generalized EEG suppression in generalized convulsive seizures. <i>Neurology</i> , 2015, 85, 1598-1603.	1.1	106
41	Category-Specific Visual Responses: An Intracranial Study Comparing Gamma, Beta, Alpha, and ERP Response Selectivity. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 195.	2.0	105
42	Prevention of sudden unexpected death in epilepsy: A realistic goal?. <i>Epilepsia</i> , 2013, 54, 23-28.	5.1	103
43	Standards for testing and clinical validation of seizure detection devices. <i>Epilepsia</i> , 2018, 59, 9-13.	5.1	98
44	Optimizing therapy of seizures in stroke patients. <i>Neurology</i> , 2006, 67, S3-9.	1.1	98
45	SEEG-guided thermocoagulations. <i>Neurology</i> , 2008, 71, 1719-1726.	1.1	97
46	Intelligence quotient improves after antiepileptic drug withdrawal following pediatric epilepsy surgery. <i>Annals of Neurology</i> , 2015, 78, 104-114.	5.3	97
47	Comorbidity between temporal lobe epilepsy and depression: a [18 F]MPPF PET study. <i>Brain</i> , 2008, 131, 2765-2782.	7.6	95
48	Olfactory Hypersensitivity in Migraineurs: A H ₂ ¹⁵ O-PET Study. <i>Cephalalgia</i> , 2008, 28, 1069-1080.	3.9	93
49	Neuroprotective effects of erythropoietin in the rat hippocampus after pilocarpine-induced status epilepticus. <i>Neurobiology of Disease</i> , 2007, 25, 412-426.	4.4	92
50	Cost-effectiveness analysis of epilepsy surgery in a controlled cohort of adult patients with intractable partial epilepsy: A 5-year follow-up study. <i>Epilepsia</i> , 2016, 57, 1669-1679.	5.1	90
51	Magnetic Resonance Imaging Evidence of Decreased Putamen Iron Content in Idiopathic Parkinson's Disease. <i>Archives of Neurology</i> , 1995, 52, 583-588.	4.5	89
52	Current use of imaging and electromagnetic source localization procedures in epilepsy surgery centers across Europe. <i>Epilepsia</i> , 2016, 57, 770-776.	5.1	89
53	Evidence of peripheral auditory activity modulation by the auditory cortex in humans. <i>Neuroscience</i> , 2001, 104, 347-358.	2.3	88
54	Practice Guideline Summary: Sudden Unexpected Death in Epilepsy Incidence Rates and Risk Factors: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology and the American Epilepsy Society. <i>Epilepsy Currents</i> , 2017, 17, 180-187.	0.8	87

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55	Refractory and super-refractory status epilepticus in adults: a 9-year cohort study. <i>Acta Neurologica Scandinavica</i> , 2017, 135, 92-99.	2.1	86
56	A 18F-MPPF PET normative database of 5-HT1A receptor binding in men and women over aging. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1980-9.	5.0	85
57	Sudden unexpected death in epilepsy: from mechanisms to prevention. <i>Current Opinion in Neurology</i> , 2006, 19, 194-199.	3.6	83
58	Depression and epilepsy, pain and psychogenic non-epileptic seizures: Clinical and therapeutic perspectives. <i>Epilepsy and Behavior</i> , 2012, 24, 169-181.	1.7	83
59	From hypothalamic hamartoma to cortex: what can be learnt from depth recordings and stimulation?. <i>Epileptic Disorders</i> , 2003, 5, 205-17.	1.3	83
60	Epidemiology of epilepsy. <i>Revue Neurologique</i> , 2016, 172, 27-36.	1.5	82
61	White matter development in children with benign childhood epilepsy with centro-temporal spikes. <i>Brain</i> , 2014, 137, 1095-1106.	7.6	81
62	Epilepsy priorities in Europe: A report of the <sc>ILAE</sc>â€<sc>IBE</sc> Epilepsy Advocacy Europe Task Force. <i>Epilepsia</i> , 2015, 56, 1687-1695.	5.1	81
63	Nocturnal Frontal Lobe Epilepsy. <i>Epilepsia</i> , 2006, 47, 83-86.	5.1	79
64	The value of magnetoencephalography for seizure-onset zone localization in magnetic resonance imaging-negative partial epilepsy. <i>Brain</i> , 2013, 136, 3176-3186.	7.6	79
65	Current clinical practice in disabling and chronic migraine in the primary care setting: results from the European My-LIFE anamnesis survey. <i>BMC Neurology</i> , 2021, 21, 1.	1.8	76
66	Response to commentary on recommendations for the use of structural <sc>MRI</sc> in the care of patients with epilepsy: A consensus report from the <sc>ILAE</sc> Neuroimaging Task Force. <i>Epilepsia</i> , 2019, 60, 2143-2144.	5.1	74
67	Optimizing therapy of seizures in patients with renal or hepatic dysfunction. <i>Neurology</i> , 2006, 67, S28-33.	1.1	73
68	Structural and effective brain connectivity underlying biological motion detection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12034-E12042.	7.1	70
69	Machine learning and wearable devices of the future. <i>Epilepsia</i> , 2021, 62, S116-S124.	5.1	70
70	Seizure-related short-term plasticity of benzodiazepine receptors in partial epilepsy: a [11C]flumazenil-PET study. <i>Brain</i> , 2005, 128, 1330-1343.	7.6	69
71	A subset of genomic alterations detected in rolandic epilepsies contains candidate or known epilepsy genes including <i><sc>GRIN</sc>2A</i> and <i><sc>PRRT</sc>2</i>. <i>Epilepsia</i> , 2014, 55, 370-378.	5.1	69
72	Current standards of neuropsychological assessment in epilepsy surgery centers across Europe. <i>Epilepsia</i> , 2017, 58, 343-355.	5.1	69

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73	Rating of Olfactory Judgements in Migraine Patients. <i>Cephalalgia</i> , 2006, 26, 1123-1130.	3.9	68
74	Gamma oscillations in V1 are correlated with GABAA receptor density: A multi-modal MEG and Flumazenil-PET study. <i>Scientific Reports</i> , 2015, 5, 16347.	3.3	68
75	Wearable devices for sudden unexpected death in epilepsy prevention. <i>Epilepsia</i> , 2018, 59, 61-66.	5.1	68
76	Current practices in long-term video-EEG monitoring services: A survey among partners of the E-PILEPSY pilot network of reference for refractory epilepsy and epilepsy surgery. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 38, 38-45.	2.0	67
77	Functional neuroimaging strategy in temporal lobe epilepsy: A comparative study of 18FDG-PET and 99mTc-HMPAO-SPECT. <i>Annals of Neurology</i> , 1992, 31, 650-656.	5.3	66
78	Functional connectivity of insular efferences. <i>Human Brain Mapping</i> , 2014, 35, 5279-5294.	3.6	66
79	Epilepsy surgery: eligibility criteria and presurgical evaluation. <i>Dialogues in Clinical Neuroscience</i> , 2008, 10, 91-103.	3.7	66
80	Statistical parametric mapping of 5-HT1A receptor binding in temporal lobe epilepsy with hippocampal ictal onset on intracranial EEG. <i>NeuroImage</i> , 2004, 22, 886-896.	4.2	65
81	Disentangling the relationship between epilepsy and its behavioral comorbidities – The need for prospective studies in new-onset epilepsies. <i>Epilepsy and Behavior</i> , 2014, 31, 43-47.	1.7	65
82	The Human Brain Project – Synergy between neuroscience, computing, informatics, and brain-inspired technologies. <i>PLoS Biology</i> , 2019, 17, e3000344.	5.6	64
83	Topographical reliability of mesio-temporal sources of interictal spikes in temporal lobe epilepsy. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998, 107, 206-212.	0.3	62
84	Risks and predictive biomarkers of sudden unexpected death in epilepsy patient. <i>Current Opinion in Neurology</i> , 2019, 32, 205-212.	3.6	62
85	PET imaging of brain 5-HT1A receptors in the preoperative evaluation of temporal lobe epilepsy. <i>Brain</i> , 2008, 131, 2751-2764.	7.6	61
86	On the origin of painful somatosensory seizures. <i>Neurology</i> , 2015, 84, 594-601.	1.1	61
87	Erythropoietin receptor expression is concordant with erythropoietin but not with common β^2 chain expression in the rat brain throughout the life span. <i>Journal of Comparative Neurology</i> , 2009, 514, 403-414.	1.6	60
88	Hippocampal-orbitofrontal connectivity in human: An electrical stimulation study. <i>Clinical Neurophysiology</i> , 2005, 116, 1779-1784.	1.5	59
89	Putting it all together: Options for intractable epilepsy. <i>Epilepsy and Behavior</i> , 2018, 88, 33-38.	1.7	59
90	User-based evaluation of applicability and usability of a wearable accelerometer device for detecting bilateral tonic-clonic seizures: A field study. <i>Epilepsia</i> , 2018, 59, 48-52.	5.1	57

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91	The Surgical Approach to the Anterior Nucleus of Thalamus in Patients With Refractory Epilepsy: Experience from the International Multicenter Registry (MORE). <i>Neurosurgery</i> , 2019, 84, 141-150.	1.1	57
92	Epilepsy, cognition, and neuropsychiatry (Epilepsy, Brain, and Mind, part 2). <i>Epilepsy and Behavior</i> , 2013, 28, 283-302.	1.7	55
93	Patients'™ safety in the epilepsy monitoring unit. <i>Current Opinion in Neurology</i> , 2014, 27, 213-218.	3.6	55
94	Predictors of and attitudes toward counseling about <scp>SUDEP</scp> and other epilepsy risk factors among Austrian, German, and Swiss neurologists and neuropediatricians. <i>Epilepsia</i> , 2016, 57, 612-620.	5.1	55
95	METABOLIC PATTERNS ASSOCIATED WITH NON-SPECIFIC MAGNETIC RESONANCE IMAGING ABNORMALITIES IN TEMPORAL LOBE EPILEPSY. <i>Brain</i> , 1991, 114, 2363-2383.	7.6	53
96	Stereotactic Electroencephalography Is a Safe Procedure, Including for Insular Implantations. <i>World Neurosurgery</i> , 2017, 99, 353-361.	1.3	53
97	Interictal cerebral metabolism and epilepsy in cavernous angiomas. <i>Brain</i> , 1995, 118, 677-687.	7.6	52
98	Evoked potential study of hippocampal efferent projections in the human brain. <i>Clinical Neurophysiology</i> , 2011, 122, 2488-2497.	1.5	52
99	Testing patients during seizures: A European consensus procedure developed by a joint taskforce of the <scp>ILAE</scp> ' Commission on European Affairs and the European Epilepsy Monitoring Unit Association. <i>Epilepsia</i> , 2016, 57, 1363-1368.	5.1	51
100	Diagnostic added value of electrical source imaging in presurgical evaluation of patients with epilepsy: A prospective study. <i>Clinical Neurophysiology</i> , 2020, 131, 324-329.	1.5	51
101	Automated seizure detection using wearable devices: A clinical practice guideline of the International League Against Epilepsy and the International Federation of Clinical Neurophysiology. <i>Clinical Neurophysiology</i> , 2021, 132, 1173-1184.	1.5	50
102	Brainstem changes in 5-HT_{1A}receptor availability during migraine attack. <i>Cephalalgia</i> , 2011, 31, 84-94.	3.9	49
103	Seizures Outcome After Stereoelectroencephalography-Guided Thermocoagulations in Malformations of Cortical Development Poorly Accessible to Surgical Resection. <i>Neurosurgery</i> , 2015, 77, 9-15.	1.1	49
104	Functional Significance of Olfactory-induced Oscillations in the Human Amygdala. <i>Cerebral Cortex</i> , 2006, 16, 1-8.	2.9	48
105	Does epilepsy surgery lower the mortality of drug-resistant epilepsy?. <i>Epilepsy Research</i> , 2003, 56, 105-120.	1.6	47
106	Automated seizure detection using wearable devices: A clinical practice guideline of the International League Against Epilepsy and the International Federation of Clinical Neurophysiology. <i>Epilepsia</i> , 2021, 62, 632-646.	5.1	47
107	Intrinsular functional connectivity in human. <i>Human Brain Mapping</i> , 2014, 35, 2779-2788.	3.6	46
108	Olfactory short-term memory and related amygdala recordings in patients with temporal lobe epilepsy. <i>Brain</i> , 2003, 126, 1851-1863.	7.6	45

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109	Long-term outcome of gamma-knife surgery in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2008, 80, 23-29.	1.6	45
110	A European survey on current practices in epilepsy monitoring units and implications for patients' safety. <i>Epilepsy and Behavior</i> , 2015, 44, 179-184.	1.7	45
111	Towards source volume estimation of interictal spikes in focal epilepsy using magnetoencephalography. <i>NeuroImage</i> , 2012, 59, 3955-3966.	4.2	43
112	From unwitnessed fatality to witnessed rescue: Pharmacologic intervention in sudden unexpected death in epilepsy. <i>Epilepsia</i> , 2016, 57, 35-45.	5.1	43
113	Hypoxemia following generalized convulsive seizures. <i>Neurology</i> , 2019, 92, e183-e193.	1.1	43
114	Diagnostic accuracy of interictal source imaging in presurgical epilepsy evaluation: A systematic review from the E-PILEPSY consortium. <i>Clinical Neurophysiology</i> , 2019, 130, 845-855.	1.5	42
115	Autonomic manifestations of epilepsy: emerging pathways to sudden death?. <i>Nature Reviews Neurology</i> , 2021, 17, 774-788.	10.1	42
116	Stereo-electro-encephalographyâ€”Guided Radiofrequency Thermocoagulation: From InÂŽVivo and InÂŽVivo Data to Technical Guidelines. <i>World Neurosurgery</i> , 2016, 94, 73-79.	1.3	41
117	Voxel-Based Analysis of Asymmetry Index Maps Increases the Specificity of ¹⁸ F-MPPF PET Abnormalities for Localizing the Epileptogenic Zone in Temporal Lobe Epilepsies. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1732-1739.	5.0	40
118	Motor behavior unmasks residual cognition in disorders of consciousness. <i>Annals of Neurology</i> , 2019, 85, 443-447.	5.3	40
119	Positron emission tomography with [¹¹ C]methylâ€”tryptophan in tuberous sclerosis complexâ€”related epilepsy. <i>Epilepsia</i> , 2013, 54, 2143-2150.	5.1	39
120	Odorants Elicit Evoked Potentials in the Human Amygdala. <i>Cerebral Cortex</i> , 2001, 11, 619-627.	2.9	38
121	The SKATEâ„¢ study: An open-label community-based study of levetiracetam as add-on therapy for adults with uncontrolled partial epilepsy. <i>Epilepsy Research</i> , 2007, 76, 6-14.	1.6	38
122	The concept of temporal â€”plusâ€” epilepsy. <i>Revue Neurologique</i> , 2015, 171, 267-272.	1.5	38
123	High Signal Intensity on T2- Weighted MRI Correlates with Hypoperfusion in Temporal Lobe Epilepsy. <i>Epilepsia</i> , 1992, 33, 28-35.	5.1	37
124	Opsoclonus-myoclonus as a manifestation of Lyme disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 77, 1090-1091.	1.9	37
125	Understanding the burden of idiopathic generalized epilepsy in the United States, Europe, and Brazil: An analysis from the National Health and Wellness Survey. <i>Epilepsy and Behavior</i> , 2016, 55, 146-156.	1.7	37
126	TMS combined with EEG in genetic generalized epilepsy: A phase II diagnostic accuracy study. <i>Clinical Neurophysiology</i> , 2017, 128, 367-381.	1.5	37

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127	Predicting epilepsy surgery outcome. <i>Current Opinion in Neurology</i> , 2016, 29, 182-188.	3.6	36
128	Linking structural and effective brain connectivity: structurally informed Parametric Empirical Bayes (si-PEB). <i>Brain Structure and Function</i> , 2019, 224, 205-217.	2.3	36
129	Brain responses to success and failure: Direct recordings from human cerebral cortex. <i>Human Brain Mapping</i> , 2010, 31, 1217-1232.	3.6	35
130	Long-term adjunctive lacosamide treatment in patients with partial-onset seizures. <i>Acta Neurologica Scandinavica</i> , 2016, 133, 136-144.	2.1	35
131	Sub-genic intolerance, ClinVar, and the epilepsies: A whole-exome sequencing study of 29,165 individuals. <i>American Journal of Human Genetics</i> , 2021, 108, 965-982.	6.2	35
132	Interpreting deep learning models for epileptic seizure detection on EEG signals. <i>Artificial Intelligence in Medicine</i> , 2021, 117, 102084.	6.5	35
133	The choice of antiepileptic drugs in newly diagnosed epilepsy: a national French survey. <i>Epileptic Disorders</i> , 2004, 6, 255-65.	1.3	35
134	Beyond Pharmacotherapy: Surgical Management. <i>Epilepsia</i> , 2003, 44, 23-28.	5.1	34
135	Impact of vagus nerve stimulation on sleep-related breathing disorders in adults with epilepsy. <i>Epilepsy and Behavior</i> , 2018, 79, 126-129.	1.7	34
136	Prevention of generalized tonic-clonic seizures in refractory focal epilepsy: A meta-analysis. <i>Epilepsia</i> , 2014, 55, 1789-1799.	5.1	33
137	Identifying patients with epilepsy at high risk of cardiac death: signs, risk factors and initial management of high risk of cardiac death. <i>Epileptic Disorders</i> , 2021, 23, 17-39.	1.3	33
138	Interictal Brain 5-HT _{1A} Receptors Binding in Migraine Without Aura: A ¹⁸ F-MPPF-PET Study. <i>Cephalalgia</i> , 2008, 28, 1282-1291.	3.9	32
139	Pharmacotherapy for tonic-clonic seizures. <i>Expert Opinion on Pharmacotherapy</i> , 2014, 15, 1417-1426.	1.8	32
140	Measures for improving treatment outcomes for patients with epilepsy – Results from a large multinational patient-physician survey. <i>Epilepsy and Behavior</i> , 2014, 34, 58-67.	1.7	32
141	MRI Assessment of the Anatomy of Optic Radiations after Temporal Lobe Epilepsy Surgery. <i>Stereotactic and Functional Neurosurgery</i> , 1999, 73, 84-87.	1.5	31
142	Automated Detection of Postictal Generalized EEG Suppression. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 371-377.	4.2	31
143	Defining success in clinical trials - profiling pregabalin, the newest AED. <i>European Journal of Neurology</i> , 2005, 12, 12-21.	3.3	30
144	Hypermotor seizures in lateral and mesial parietal epilepsy. <i>Epilepsy and Behavior</i> , 2013, 28, 408-412.	1.7	30

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145	Advanced [18F]FDG and [11C]flumazenil PET analysis for individual outcome prediction after temporal lobe epilepsy surgery for hippocampal sclerosis. <i>NeuroImage: Clinical</i> , 2015, 7, 122-131.	2.7	30
146	Therapeutic Drug Monitoring of Newer Antiepileptic Drugs: A Randomized Trial for Dosage Adjustment. <i>Annals of Neurology</i> , 2020, 87, 22-29.	5.3	30
147	[11C]-Methionine PET: dysembryoplastic neuroepithelial tumours compared with other epileptogenic brain neoplasms. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 1686-1692.	1.9	29
148	Pregabalin for the management of partial epilepsy. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 1211.	2.2	29
149	Recording the insula during ictal asystole. <i>International Journal of Cardiology</i> , 2013, 169, e28-e30.	1.7	29
150	EpilepsyGAN: Synthetic Epileptic Brain Activities With Privacy Preservation. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2435-2446.	4.2	27
151	Intracerebral recordings of nocturnal hyperkinetic seizures: Demonstration of a longer duration of the pre-seizure sleep spindle. <i>Clinical Neurophysiology</i> , 2007, 118, 928-939.	1.5	26
152	Apoptosis time course in the limbic system after myocardial infarction in the rat. <i>Brain Research</i> , 2008, 1216, 87-91.	2.2	26
153	Tumor necrosis factor-alpha participates in apoptosis in the limbic system after myocardial infarction. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 1308-1316.	4.9	26
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